

**REMARKS**

Reconsideration of the application is respectfully requested.

1. Examiner has rejected claims 1- 10 under 35 USC 102(b) as being anticipated by the Manella reference (US 3,002,047). With respect, it is submitted that the Manella reference discloses a patentably distinct cable than the claimed cable herein.

Claim 1 has been amended to specify the following"

- the cable is a single conductor;
- the lugs are solid one-piece construction;
- the lugs and the sheath are formed from an oxidation resistant alloy; and
- the sheath is hermetically sealed to the lugs using a temperature resistant braze.

Each of these limitation distinguishes the Manella reference.

- Manella teaches a coaxial conductor – the present invention claims a single conductor.
- The terminals in Manella comprise two conductors separated by a dielectric and hermetic seal (Applicant reiterates his earlier position that this seal in Manella is non-operative in a high-temperature environment) – whereas in the present invention the terminal lugs are solid one-piece elements.
- The high temperature brazing and specification of oxidation resistant materials for the lugs and sheath provide the high temperature operability of the present invention – Manella is not directed to a high temperature cable.

Furthermore, claim 6 is limited to a cable "consisting essentially of" the elements cited. Therefore, Manella, which discloses numerous other components, is not anticipatory.

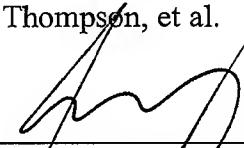
It is respectfully submitted that claim 1 and claim 6 are patentably distinct from the Manella reference.

## CONCLUSION

In view of the foregoing remarks and amendments, it is respectfully submitted that this application is in condition for allowance and allowance thereof is respectfully requested.

Respectfully submitted,

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1. Petition for Two Month Extension.